

## Facility Planning: Bridges -- No. 509132

Category	Transportation	Date Last Modified	January 09, 2008
Subcategory	Bridges	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Countywide	Status	On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	12,250	6,553	1,077	4,620	1,230	1,272	837	527	377	377	0
Land	135	132	3	0	0	0	0	0	0	0	0
Site Improvements and Utilities	62	62	0	0	0	0	0	0	0	0	0
Construction	25	25	0	0	0	0	0	0	0	0	0
Other	17	17	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>12,489</b>	<b>6,789</b>	<b>1,080</b>	<b>4,620</b>	<b>1,230</b>	<b>1,272</b>	<b>837</b>	<b>527</b>	<b>377</b>	<b>377</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

Federal Aid	1,398	811	0	587	359	228	0	0	0	0	0
G.O. Bonds	9,068	5,623	780	2,665	251	677	837	400	250	250	0
Land Sale	15	15	0	0	0	0	0	0	0	0	0
State Aid	1,668	0	300	1,368	620	367	0	127	127	127	0
PAYGO	340	340	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>12,489</b>	<b>6,789</b>	<b>1,080</b>	<b>4,620</b>	<b>1,230</b>	<b>1,272</b>	<b>837</b>	<b>527</b>	<b>377</b>	<b>377</b>	<b>0</b>

### DESCRIPTION

This ongoing project provides studies for bridge projects under consideration for inclusion in the CIP. Facility Planning serves as a transition stage for a project between identification of need and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, DPWT will complete a design which outlines the general and specific features required on the project. Selected projects range in type, but typically consist of upgrading deficient bridges so that they can safely carry all legal loads which must be accommodated while providing a minimum of two travel lanes. Facility Planning is a decision-making process to design bridges which are already identified as deficient. For a full description of the Facility Planning process, see the CIP Planning Section. Candidate projects currently included are listed in the "Other" section below.

### COST CHANGE

Increase due to the addition of four bridge replacement projects, and the addition of FY13 and FY14.

### JUSTIFICATION

There is continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Facility planning costs for all projects which ultimately become stand-alone PDFs are included here. These costs will not be reflected in the resulting individual project. Future individual CIP projects which result from facility planning will each benefit from reduced planning and design costs. Biennial inspections performed since 1987 have consistently shown that the bridges currently included in the project for design studies are in need of major rehabilitation or replacement.

### OTHER

Candidates for this program are identified through the County Biennial Bridge Inspection Program as being deficient, load restricted, or geometrically substandard. The Planning, Design, and Supervision costs for all bridge designs include all costs up to contract preparation. At that point, future costs and Federal aid will be included in stand-alone PDFs.

Candidate Projects:

Elmhirst Parkway Bridge #MPK-13; Park Valley Road Bridge #MPK-O3; Randolph Road Bridge #M-0080-4; Quarry Mill Road Bridge #M-0020; Piney Meetinghouse Road Bridge #M-0021; Whites Ferry Bridge #M-0187; Whites Ferry Bridge #M-0189; Cedar Lane Bridge #M-0074; Talbot Avenue Bridge #M-0085.

### OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.
- The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- \* Expenditures will continue indefinitely.

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY91	(\$000)
First Cost Estimate		
Current Scope	FY09	12,489
Last FY's Cost Estimate		9,875
Appropriation Request	FY09	592
Appropriation Request Est.	FY10	1,032
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,747
Expenditures / Encumbrances		7,021
Unencumbered Balance		1,726
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

### COORDINATION

Maryland-Department of the Environment  
 Maryland-Department of Natural Resources  
 Maryland-National Capital Park and Planning Commission  
 Montgomery County Department of Permitting Services  
 U.S. Army Corps of Engineers  
 Maryland State Highway Administration  
 Federal Highway Administration  
 Utility Companies  
 Maryland Historic Trust  
 CSX Transportation  
 Washington Metropolitan Area Transit Authority  
 Rural/Rustic Roads Legislation

### MAP

